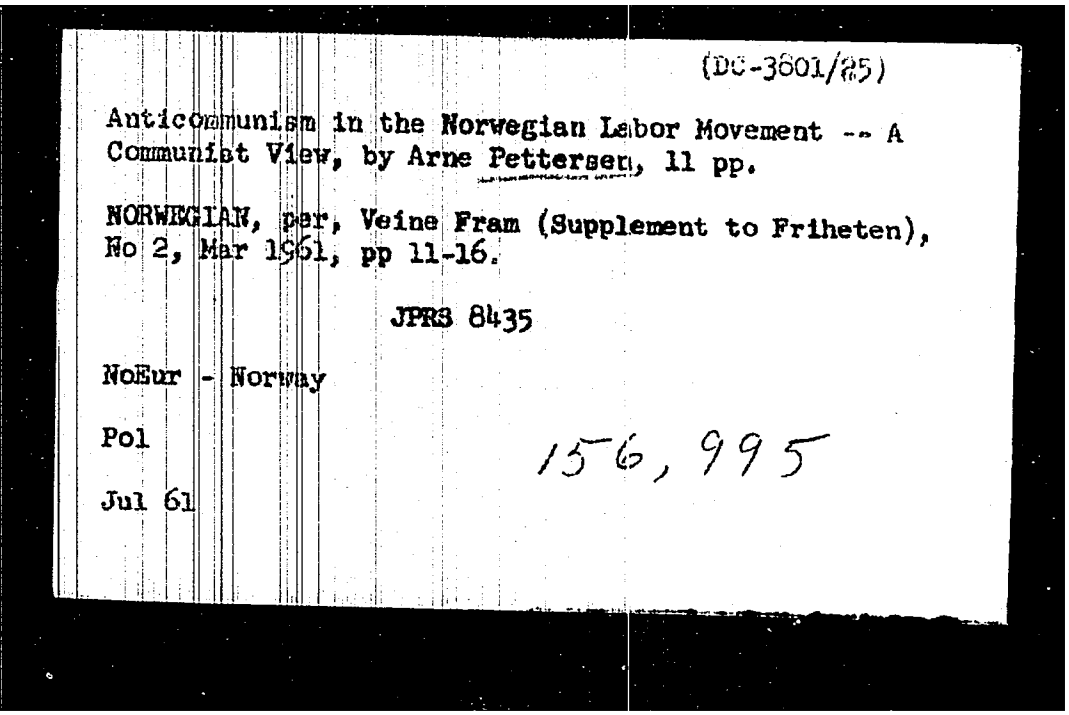
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490042-6



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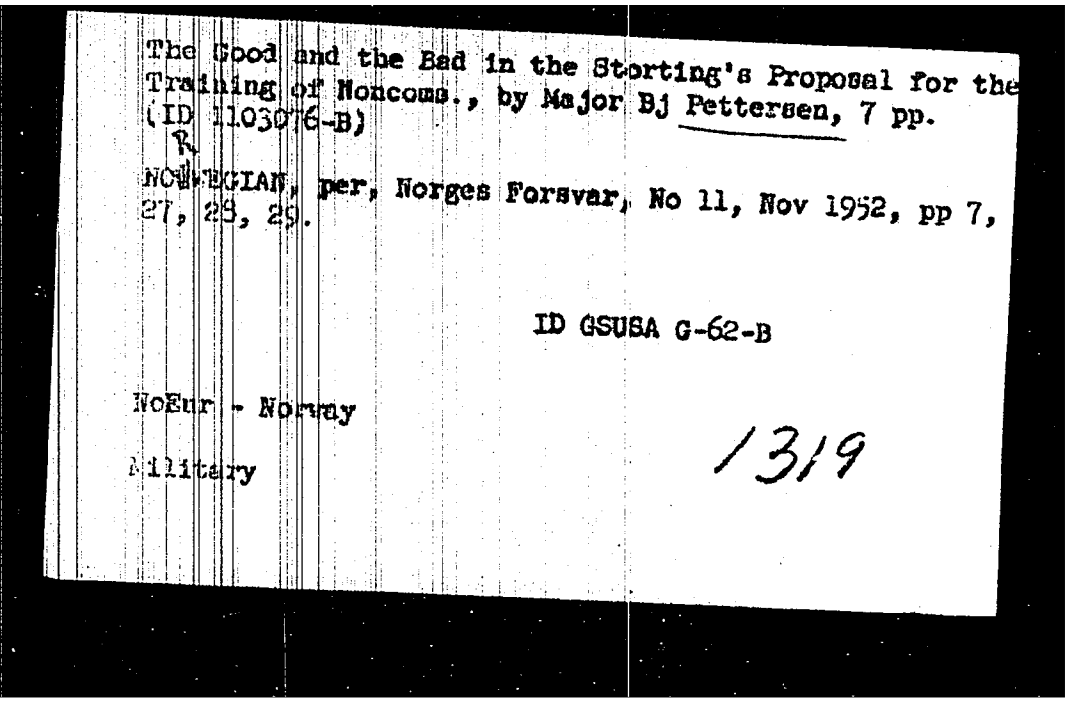

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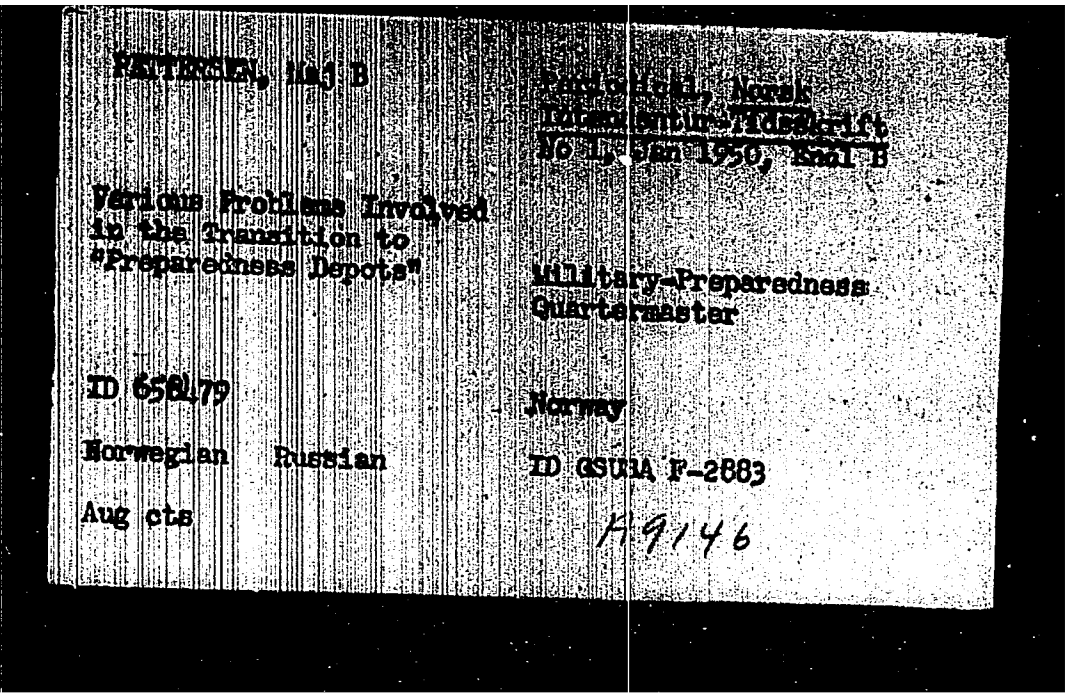

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Various Problems Involved in the Transition to "Preparedness Depots"

ID 658479

Norwegian Russian

Aug cts

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Quartermaster

Norway

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NIH 10-12-65

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Geophysics Res Dir; ASTIA
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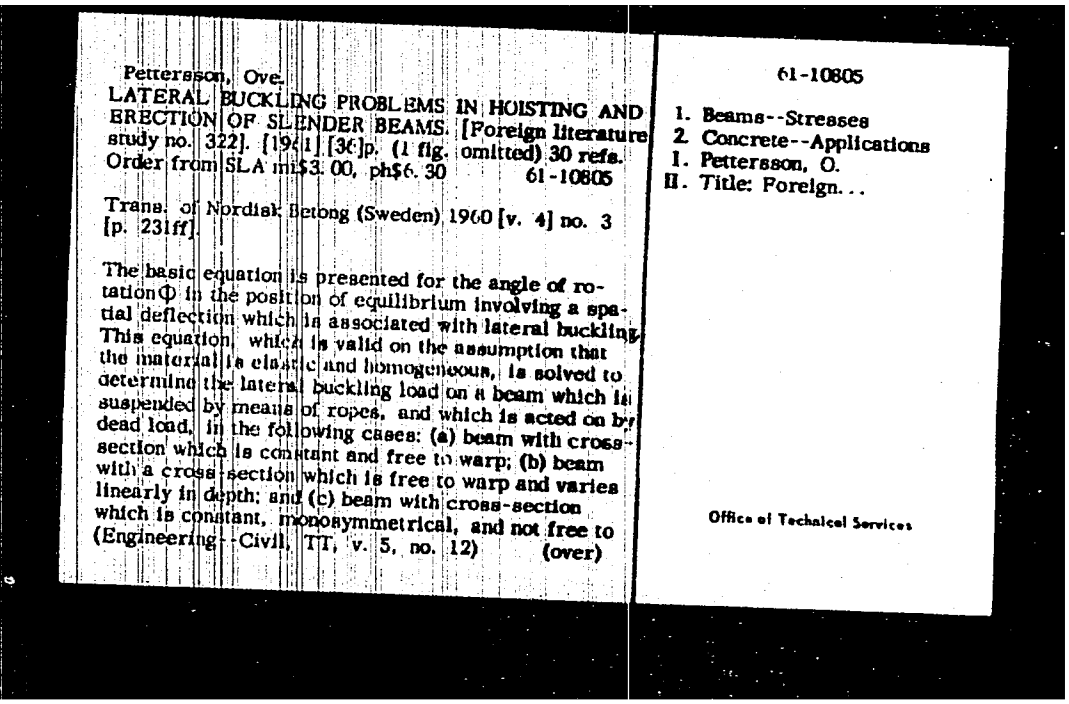

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LATERAL BUCKLING PROBLEMS IN HOISTING AND ERECTION OF SLENDER BEAMS. [Foreign literature study no. 322]. [1961] [36]p. (1 fig. omitted) 30 refs. Order from SLA mi$3.00, ph$6.30 61-10805

Trans. of Nordisk Betong (Sweden) 1960 [v. 4] no. 3 [p. 231ff].

The basic equation is presented for the angle of rotation Φ in the position of equilibrium involving a spatial deflection which is associated with lateral buckling. This equation, which is valid on the assumption that the material is elastic and homogeneous, is solved to determine the lateral buckling load on a beam which is suspended by means of ropes, and which is acted on by dead load, in the following cases: (a) beam with cross-section which is constant and free to warp; (b) beam with a cross-section which is free to warp and varies linearly in depth; and (c) beam with cross-section which is constant, monosymmetrical, and not free to (Engineering--Civil, TT, v. 5, no. 12) (over)

61-10805

1. Beams--Stresses
2. Concrete--Applications
I. Petterssen, O.
II. Title: Foreign...

Office of Technical Services

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PROCEDURE FOR THE REALIZATION OF PHOTOGRAPHIC IMAGES WITH SEVERAL COLORS OBTAINED FROM A NORMAL BLACK AND WHITE PHOTOGRAPH BASED ON SILVER BROMIDE. [1962] 5p.
Order from: SLA $1.10 62-14030

Trans. of letter of the author, Milan, 14 May 58.

DESCRIPTORS: *Bromides, *Silver compounds, *Color photography, Photographic chemicals, *Colorimetry, Photographic equipment, *Optical images.

Letter concerning a procedure for the realization of photographic images with several colors obtained from a normal black and white photograph based on silver bromide.

(Materials--Photographic, TT, v. 9, no. 4)

62-14030

I. Pettinaroli, L.

C227643

Office of Technical Services

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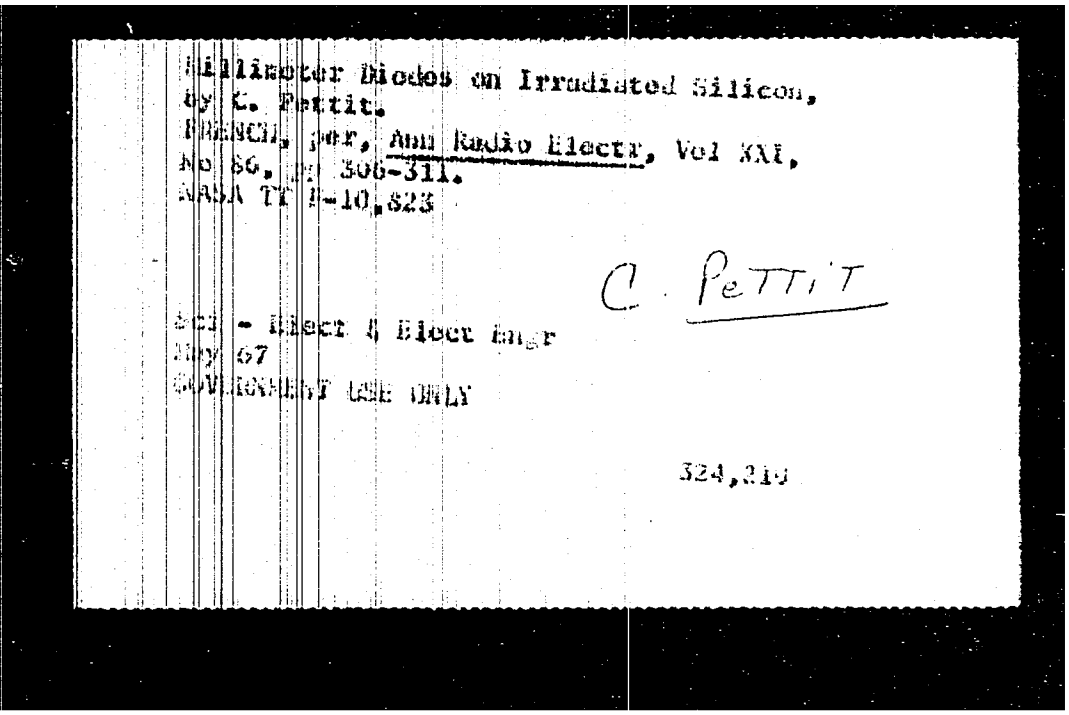

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AMDA TT F-10,823

C. PETIT

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A Study of the Annealing of Rolled Uranium,
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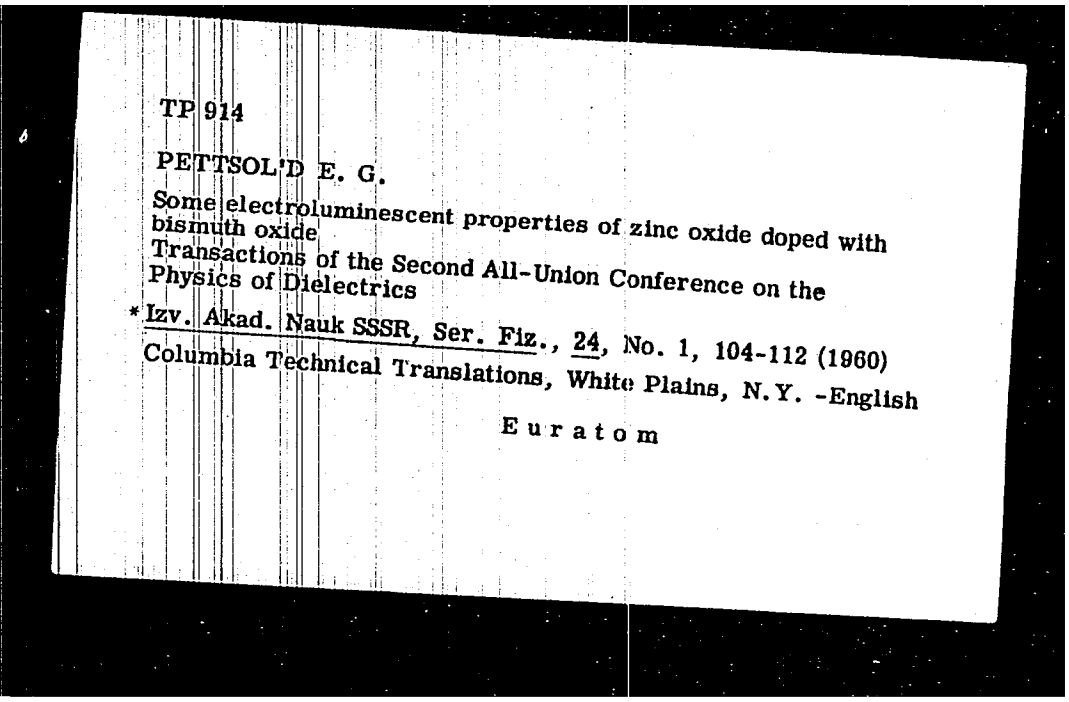

TP 914

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Some electroluminescent properties of zinc oxide doped with bismuth oxide

Transactions of the Second All-Union Conference on the Physics of Dielectrics

* Izv. Akad. Nauk SSSR, Ser. Fiz., 24, No. 1, 104-112 (1960)

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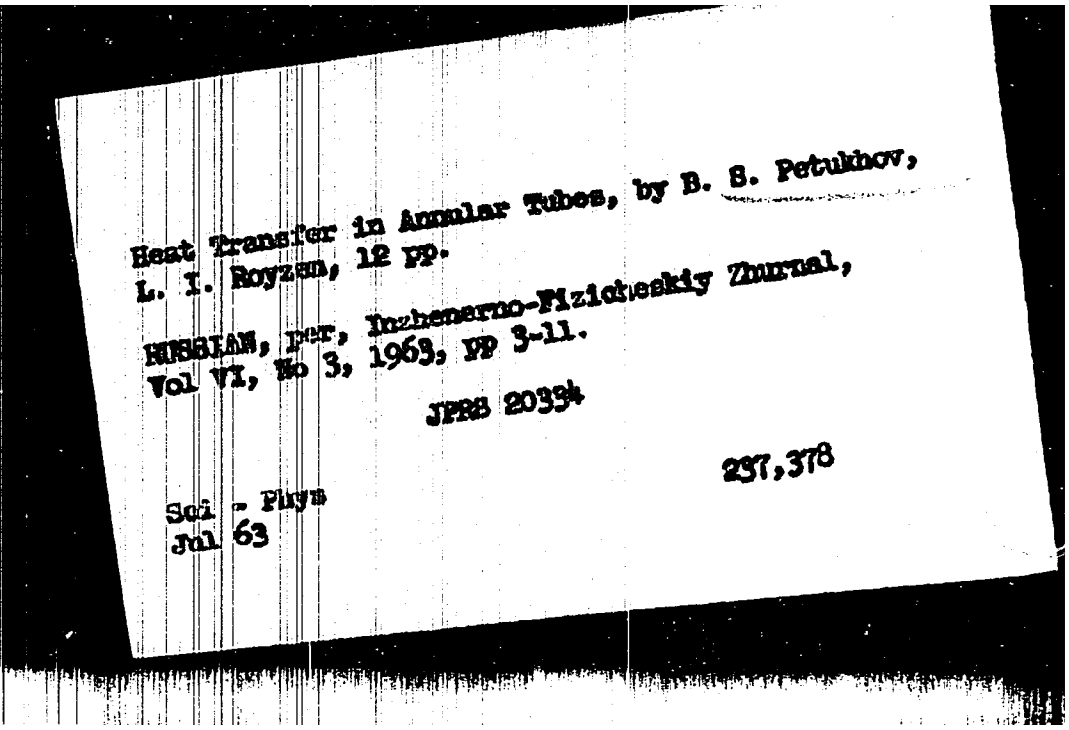

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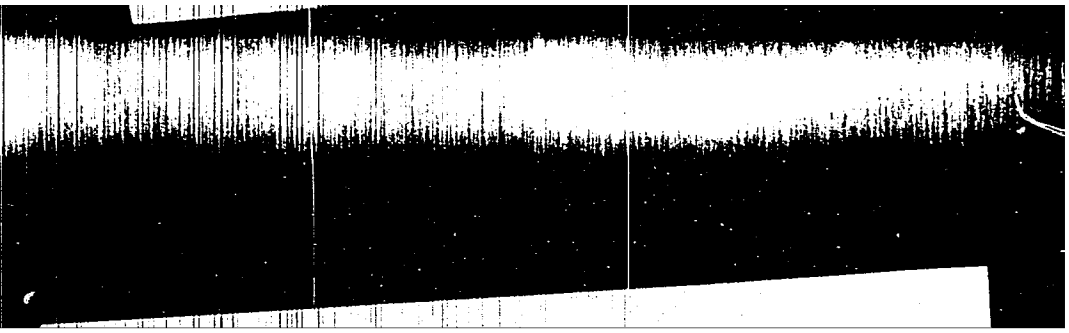

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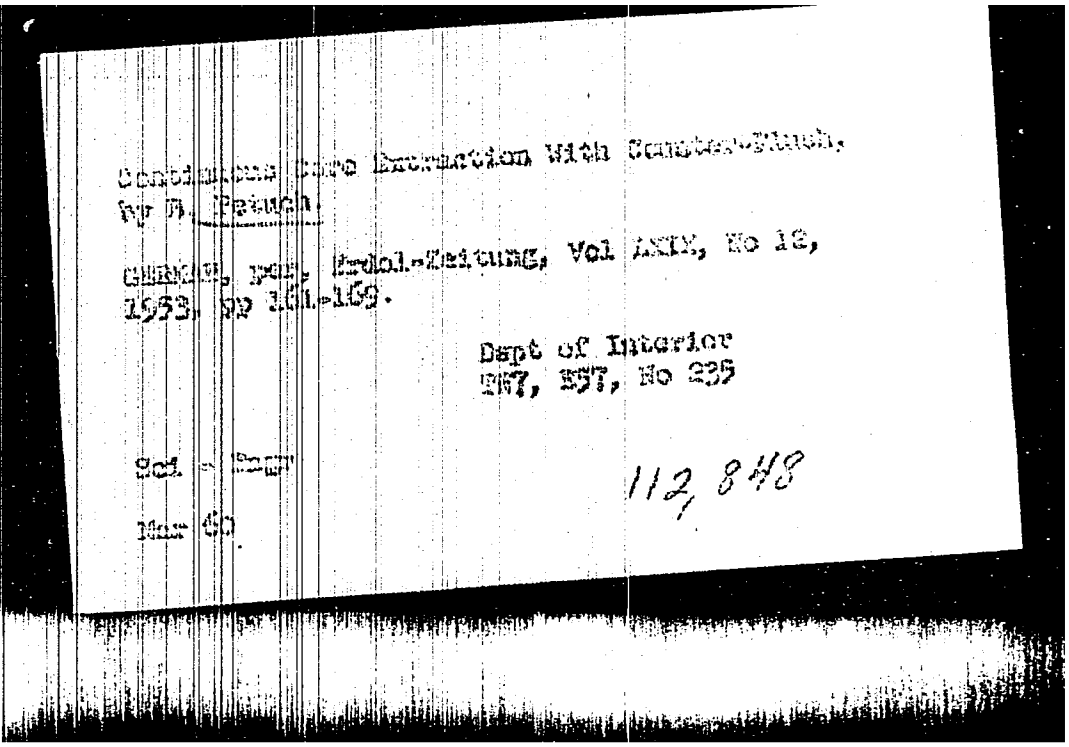

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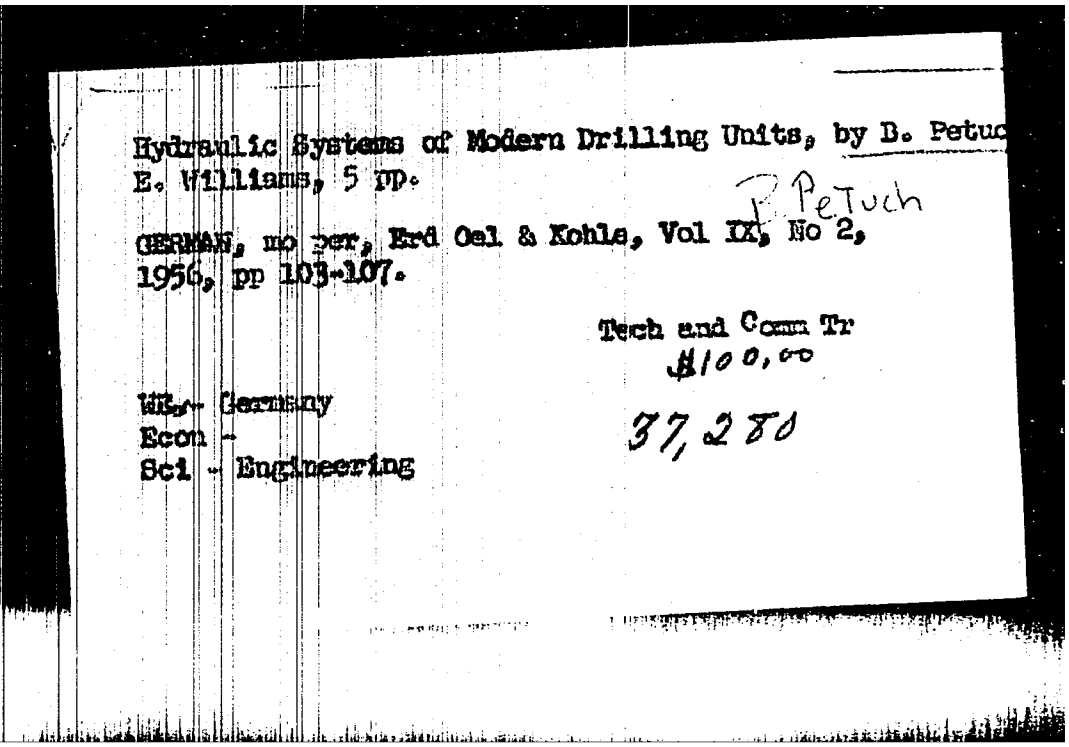

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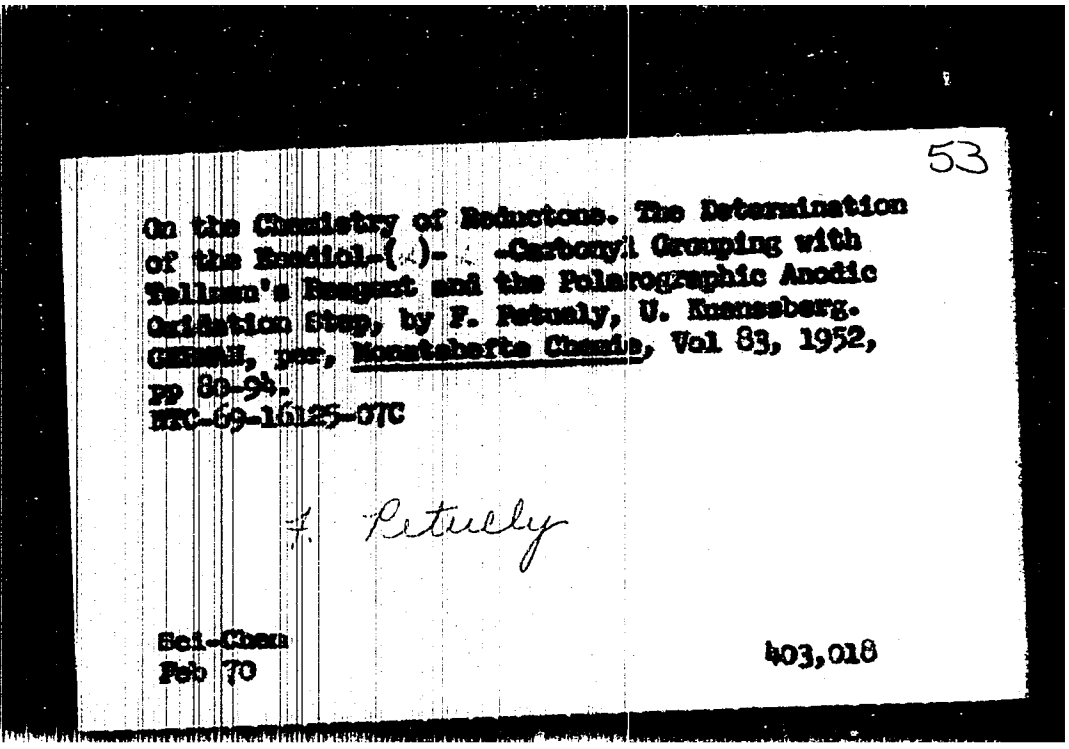

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MIC-69-16125-07C

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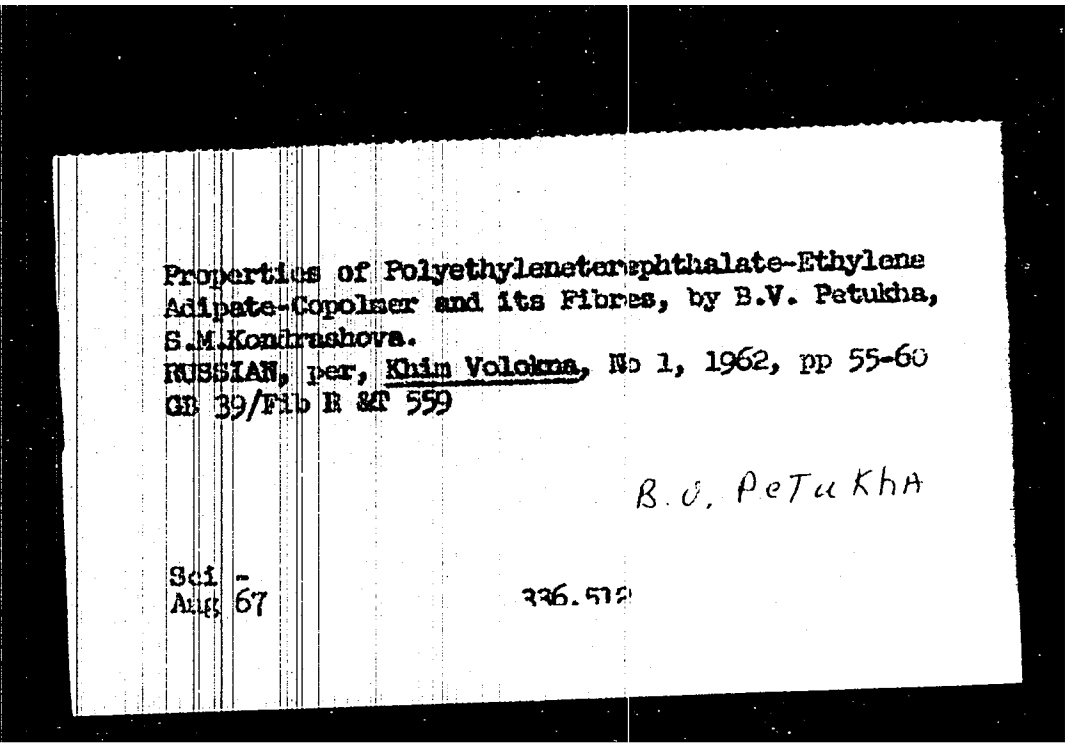

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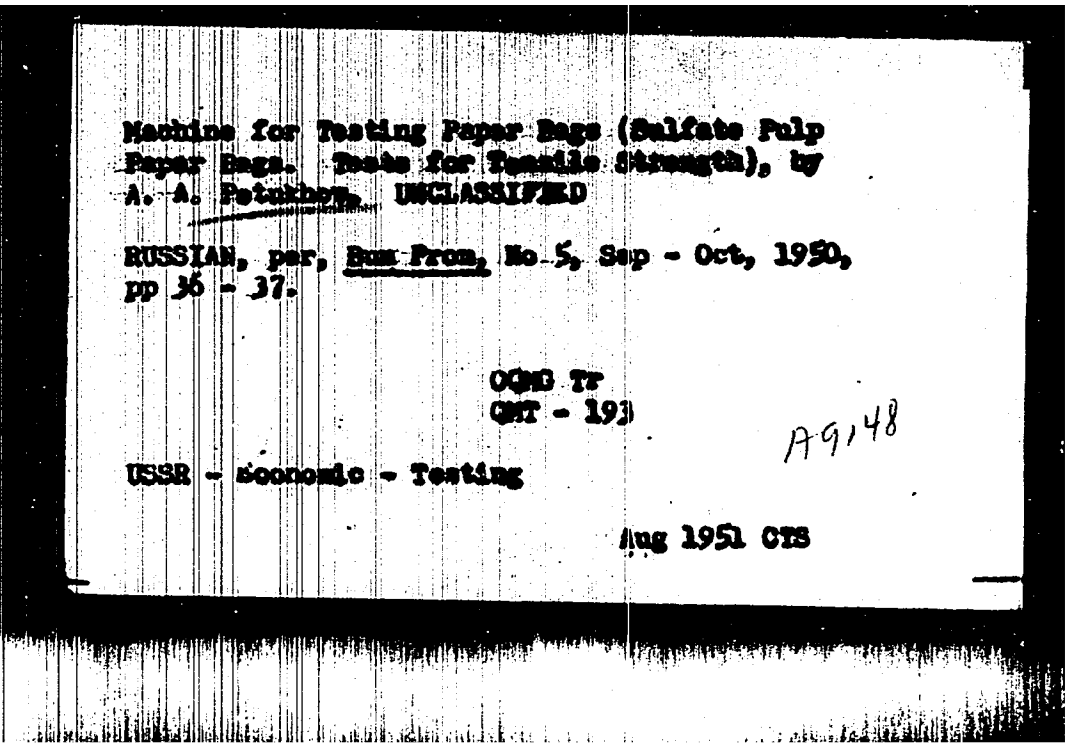

Machine for Testing Paper Bags (Sulfate Pulp Paper Bags. Tests for Tensile Strength), by A. A. Petukhova. UNCLASSIFIED

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OCMG Tr
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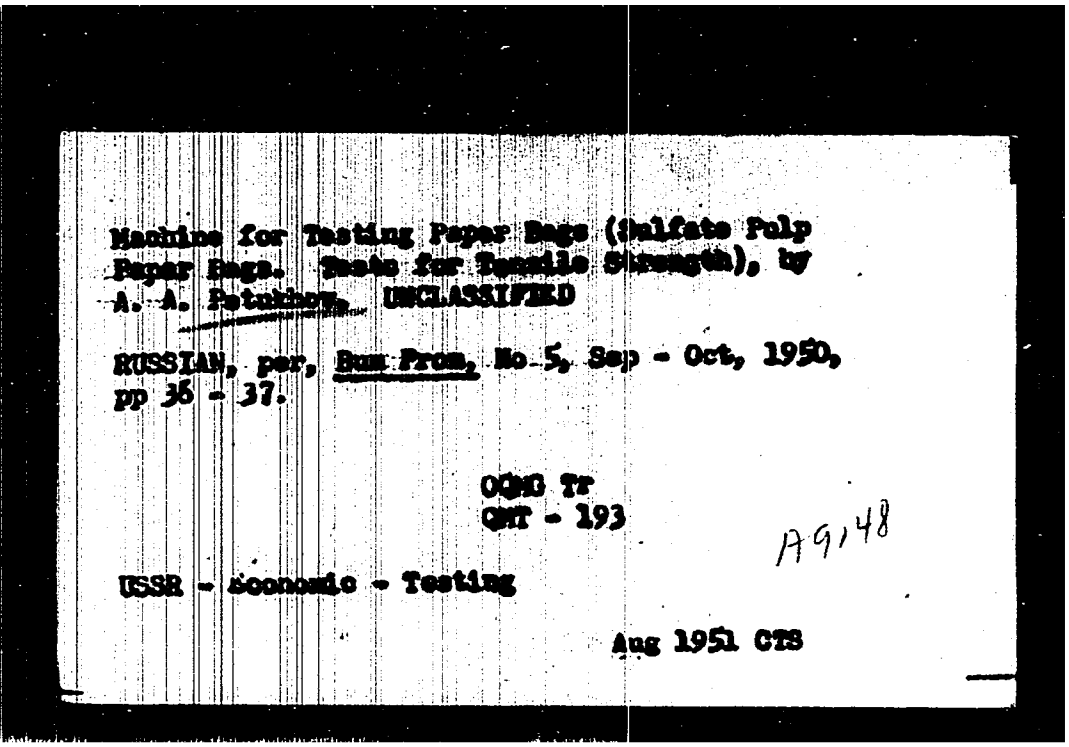

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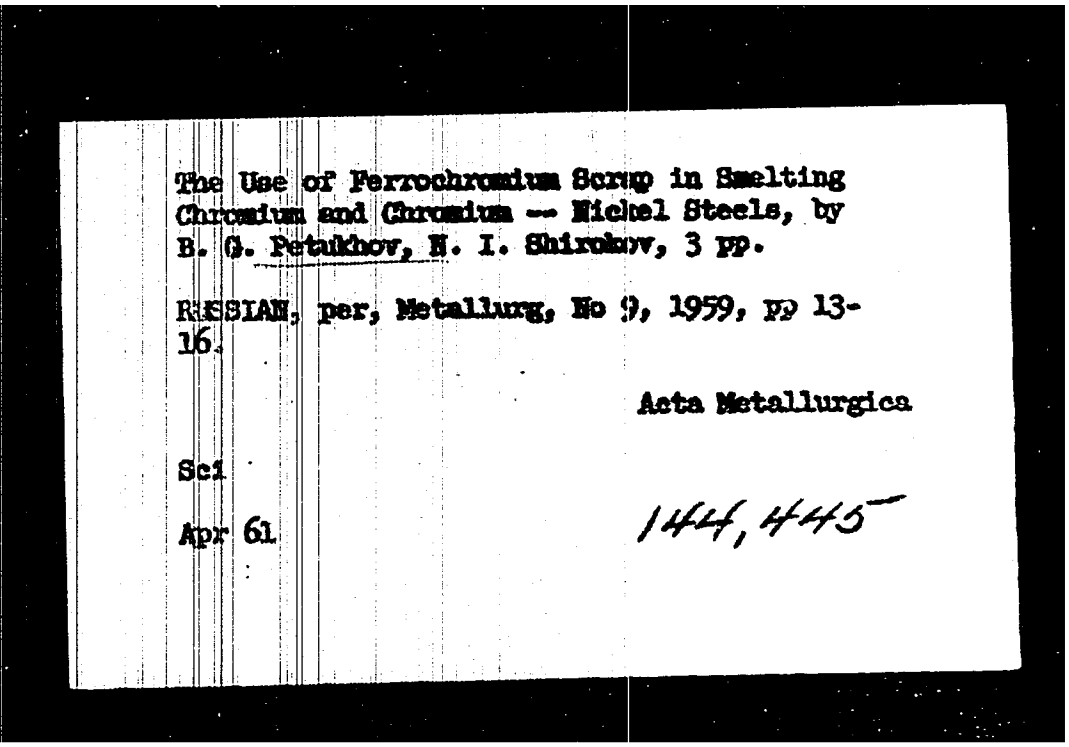

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Heat Exchange in the Initial Part of a Tube When There Is a Mixed Boundary Layer, by B. S. Petukhov, Ye. A. Krasnoshchekov, 17 pp.

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SLA 60-19887

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ATIC MCL-911/1

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THE PROBLEM OF HEAT EXCHANGE IN THE TURBULENT FLOW OF LIQUID IN TUBES, [K Voprosu o Teploobmene pri Turbulentnom Techenii Zhidkosti v Trubakh]. May 59 [9]p. 18 refs. C.T.S. no. 613. Order from LC or SLA mi$1.80, ph$1.80 61-15364

Trans. of Teploenergetika (USSR) 1958 [v. 5] no. 4, p. 63-68.

The paper presents a theoretical calculation of the heat exchange in the turbulent flow through pipes of a liquid with constant physical properties. The problem of the effect on the heat transfer of a variable viscosity is examined on the basis of experimental results. A formula for such calculations is put forward. (Author)

(Physics--Thermodynamics, TT, v. 5, no. 8)

61-15364

1. Liquids--Heat transfer
2. Pipes--Hydrodynamic characteristics
3. Heat transfer--Mathematical analysis
4. Turbulent flow
I. Petukhov, B. S.
II. Kirillov, V. V.
III. CTS-613
IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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UNCL

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DSIR LLU RTS 1435

(35s.)
(*possibly *AFIC MIL-212/V)

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May 60

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Calculation of Heat Transfer During Laminar Flow of a Fluid in Pipes Within a Range of Small Peclet Numbers, by B. S. Petukhov, F. F. Tsvetkov, 11 pp.

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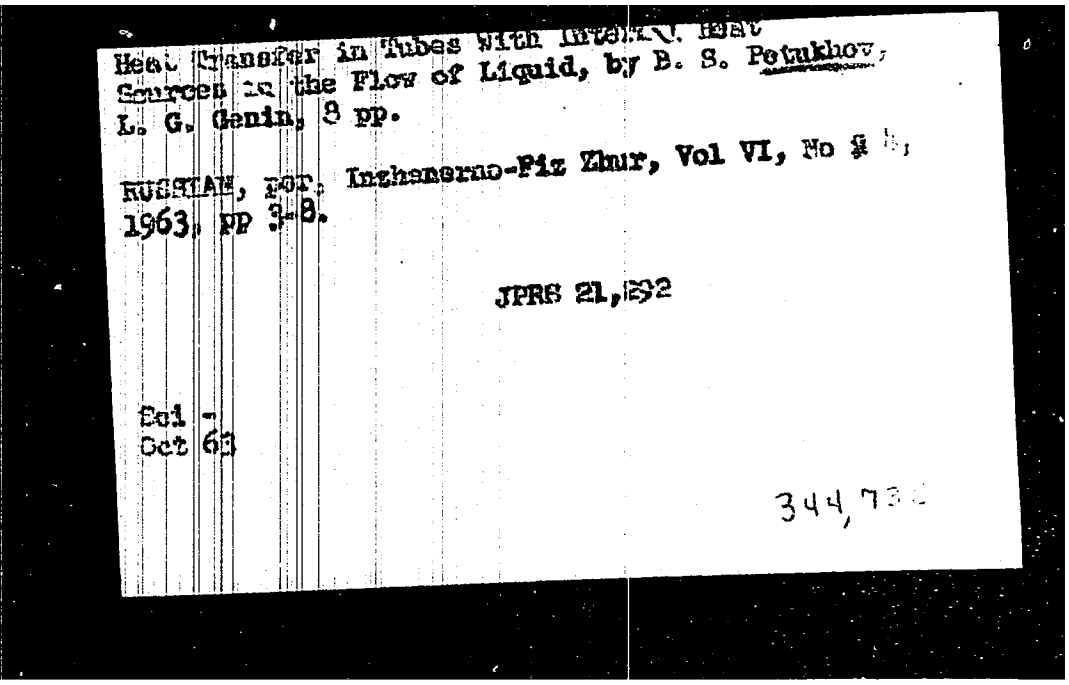

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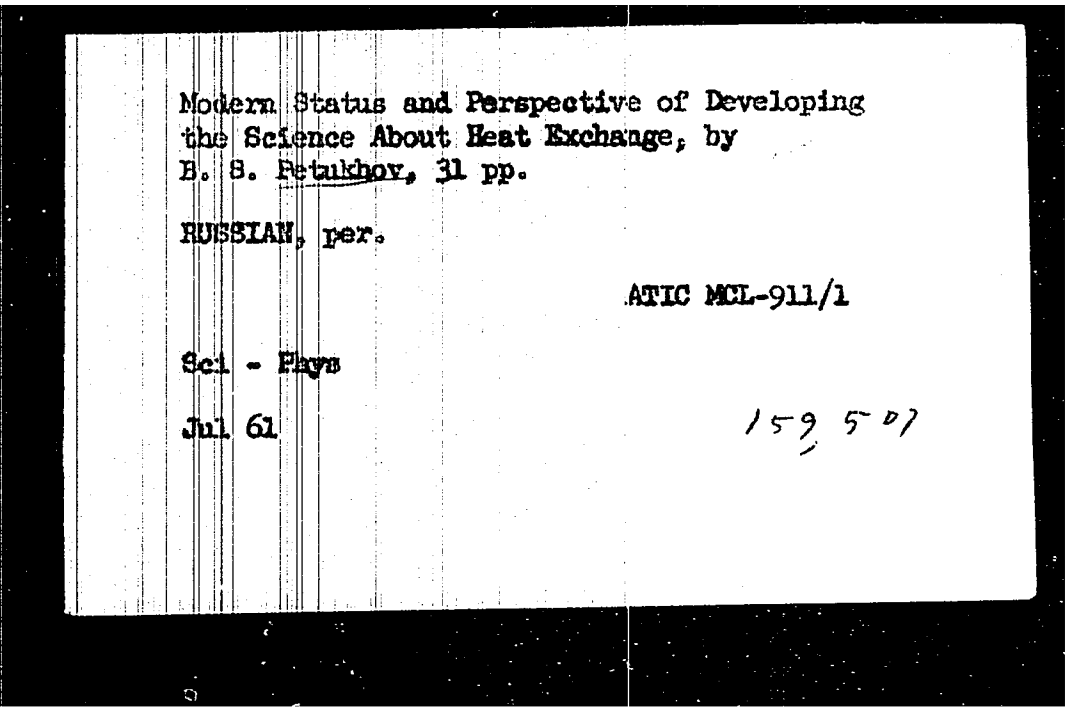

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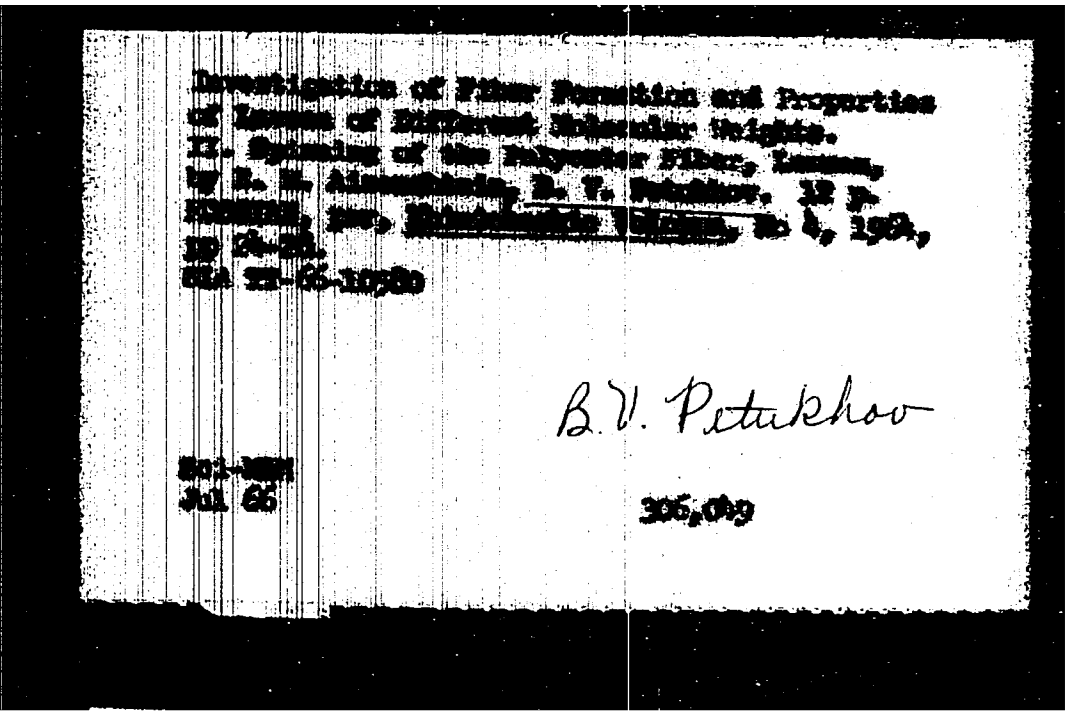

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Order from OTS or SLA $1.10 62-14895

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DESCRIPTORS: *Polyethylene plastics, *Phthalates, Synthesis, Esterification, Catalysts, Zinc compounds, Manganese compounds, Cobalt catalysts, Ethylenes, Glycols, Dehydration, Pyrolysis, Oxidation, Melting, Colors.

In choosing a catalyst for the synthesis of polyethylene terephthalate (PET), it is important to consider the degree of thermodestructive processes which are caused by the catalysts. Various catalysts of polyesterification (Materials--Plastics, TT, v. 9, no. 4) (over)

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I. Title: Lavsan
I. Petukhov, B. V.
II. Terekhova, G. M.

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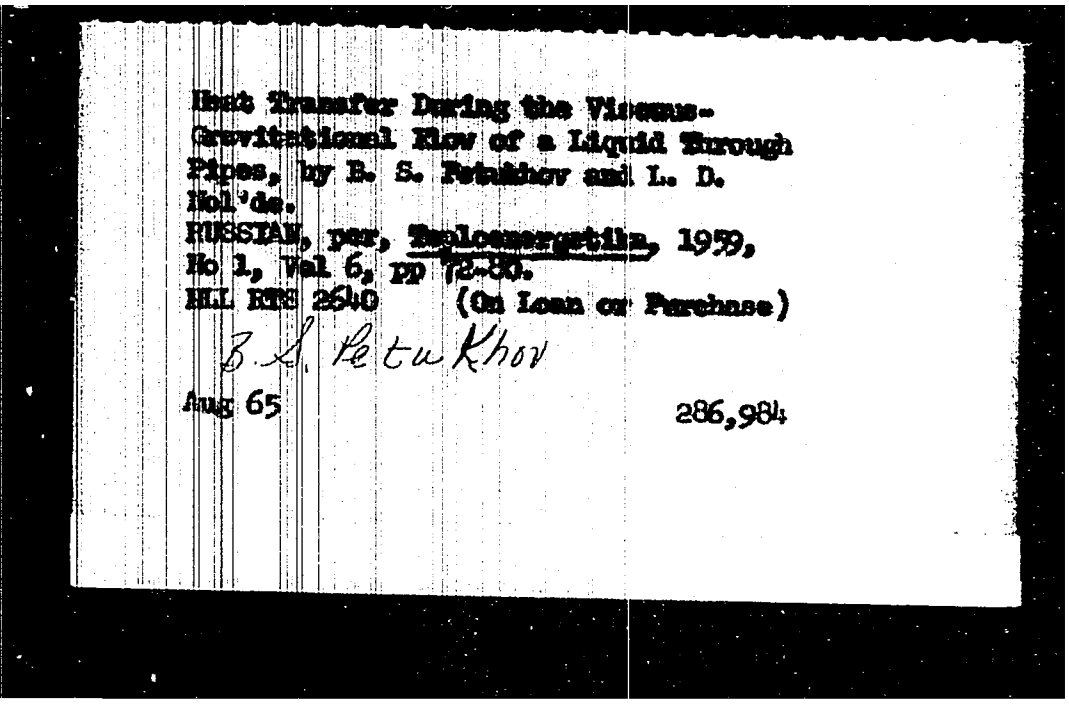

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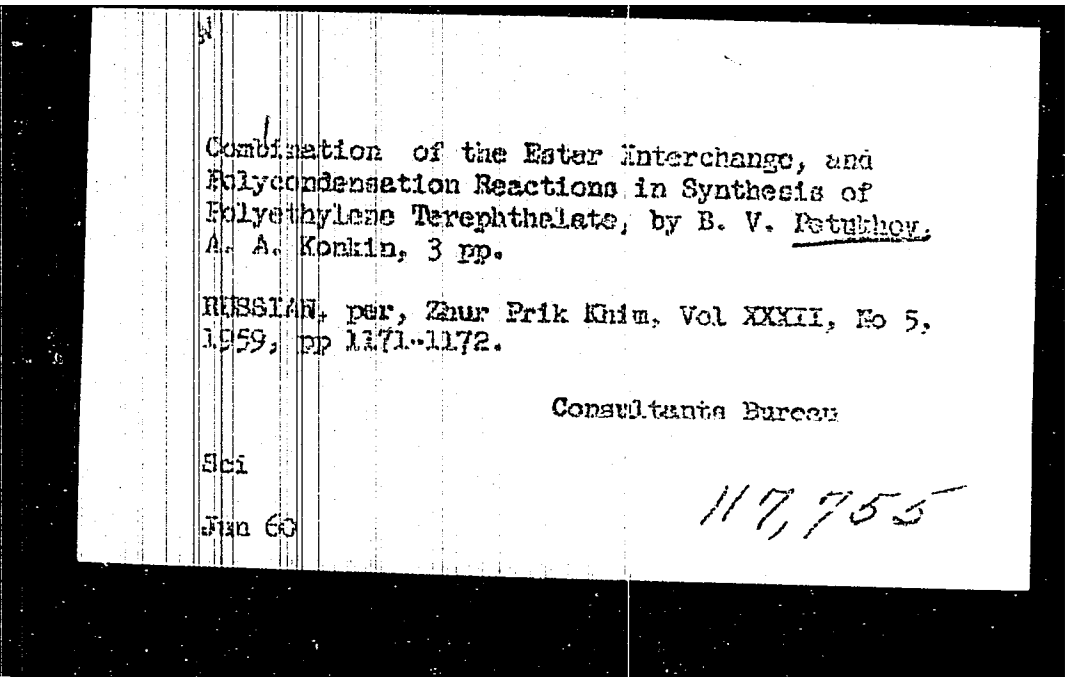

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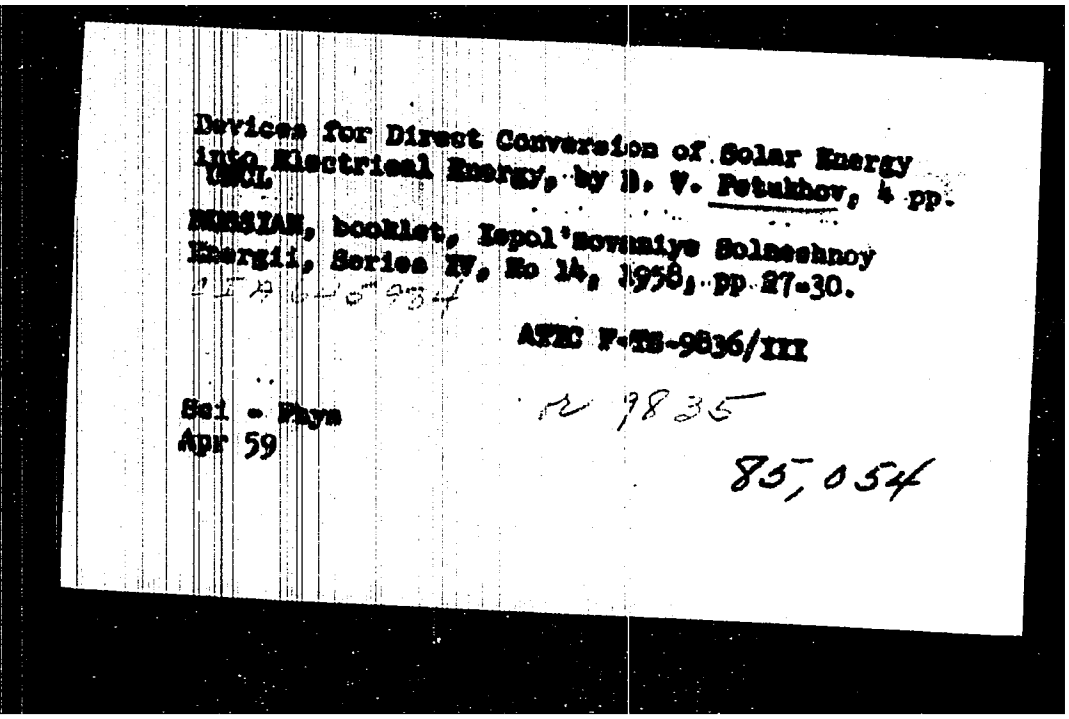

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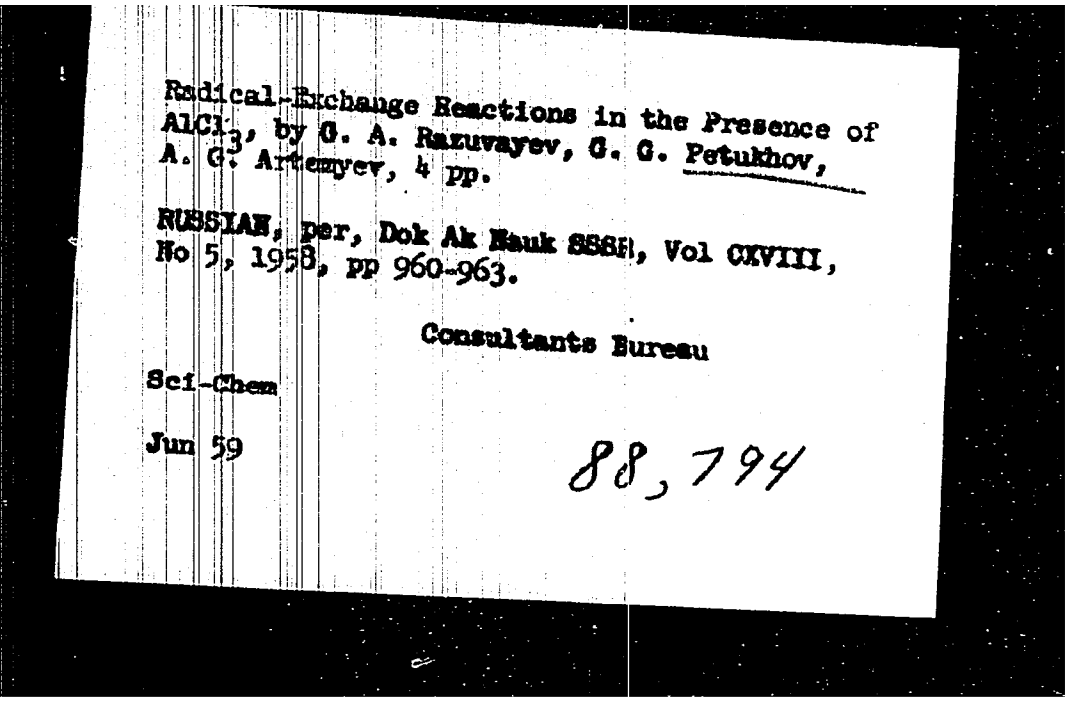

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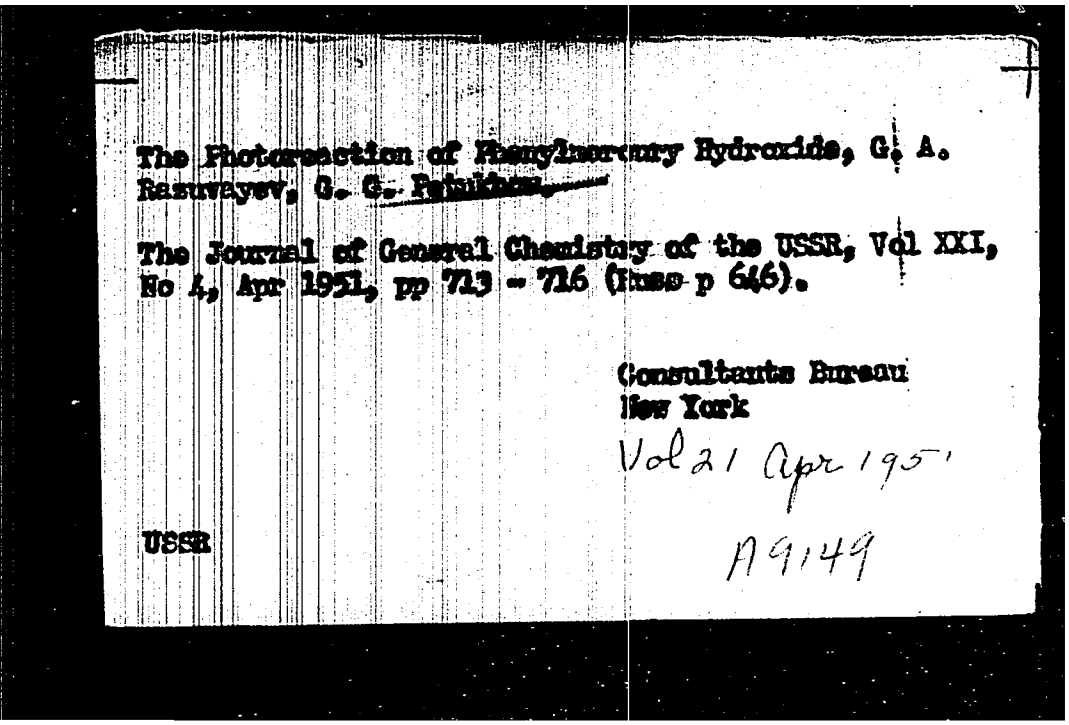

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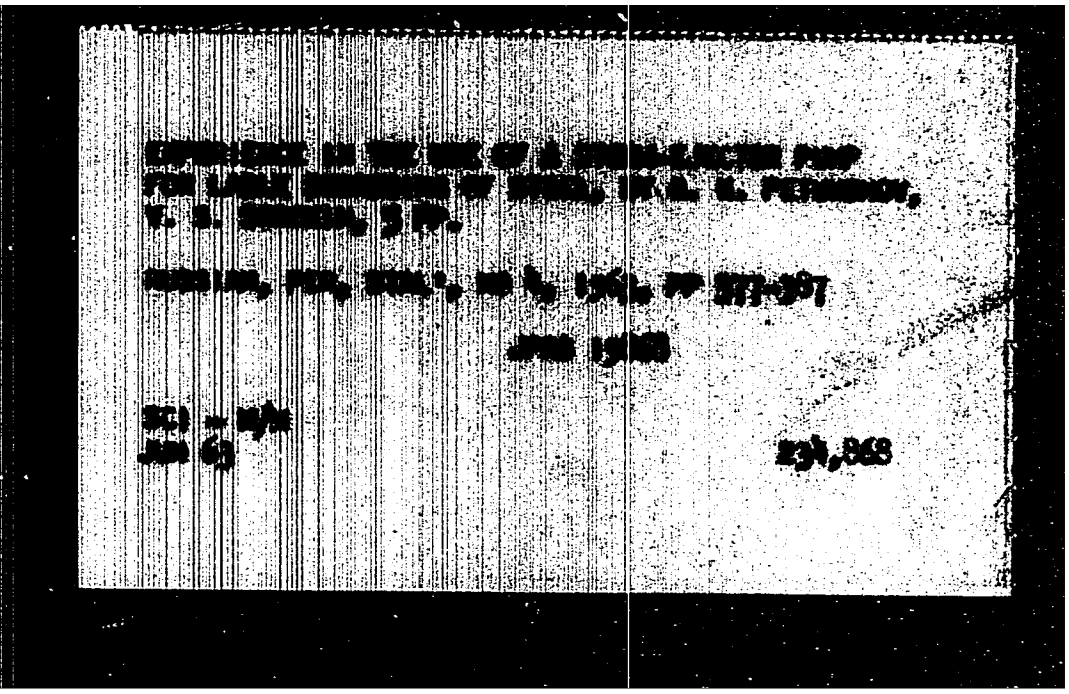

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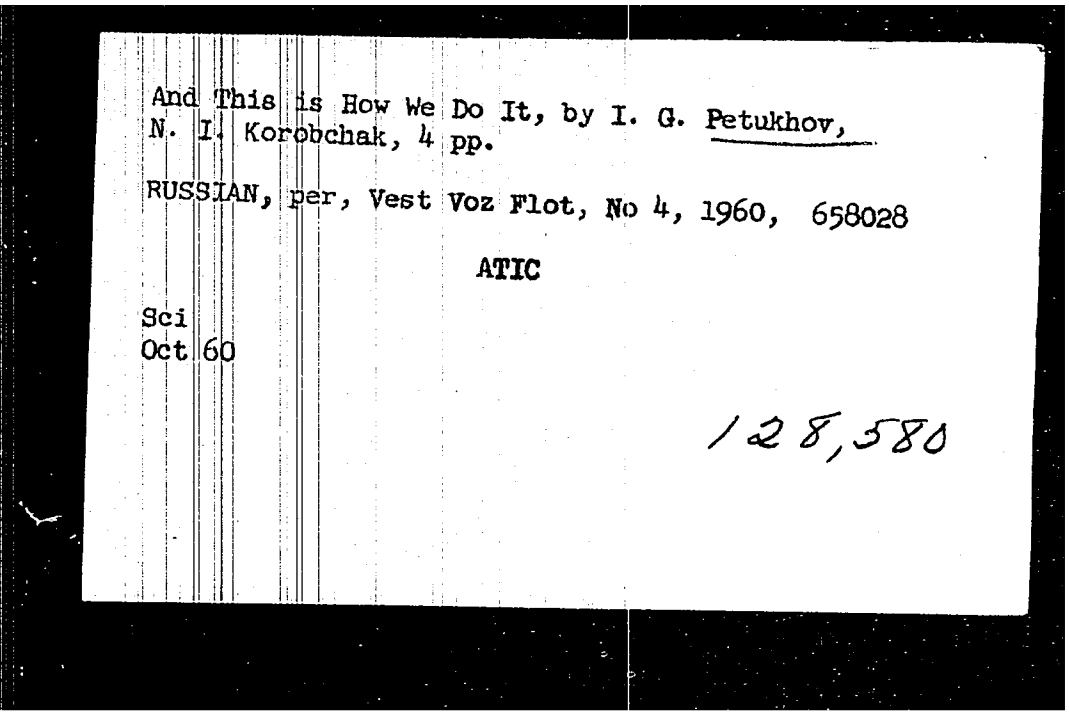

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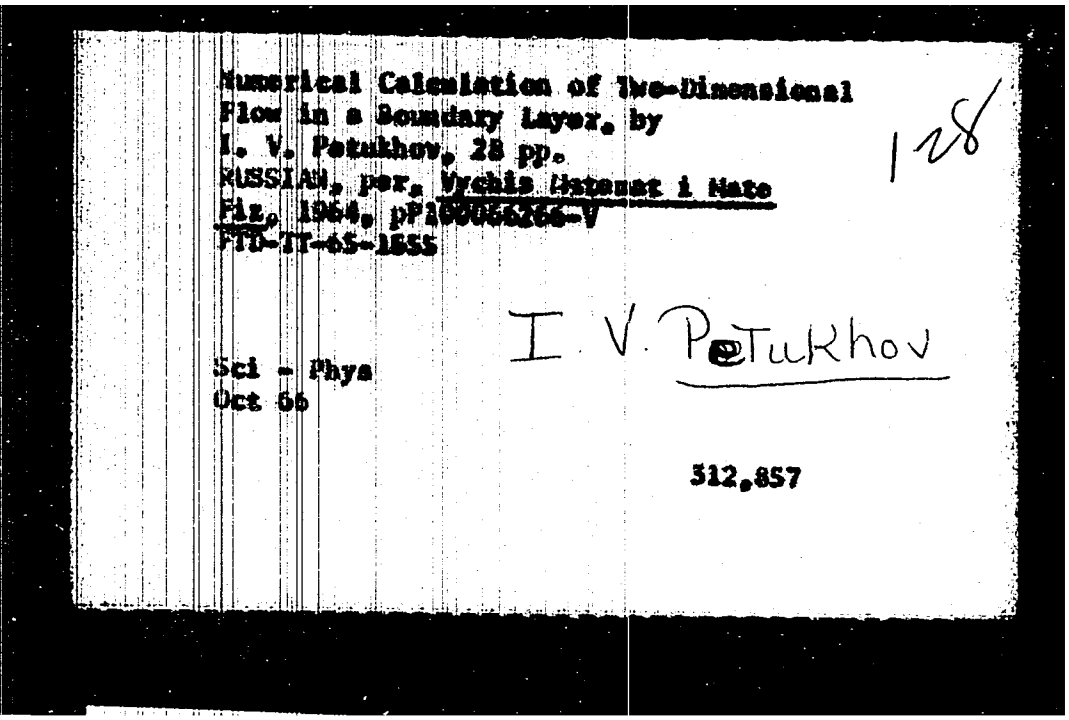

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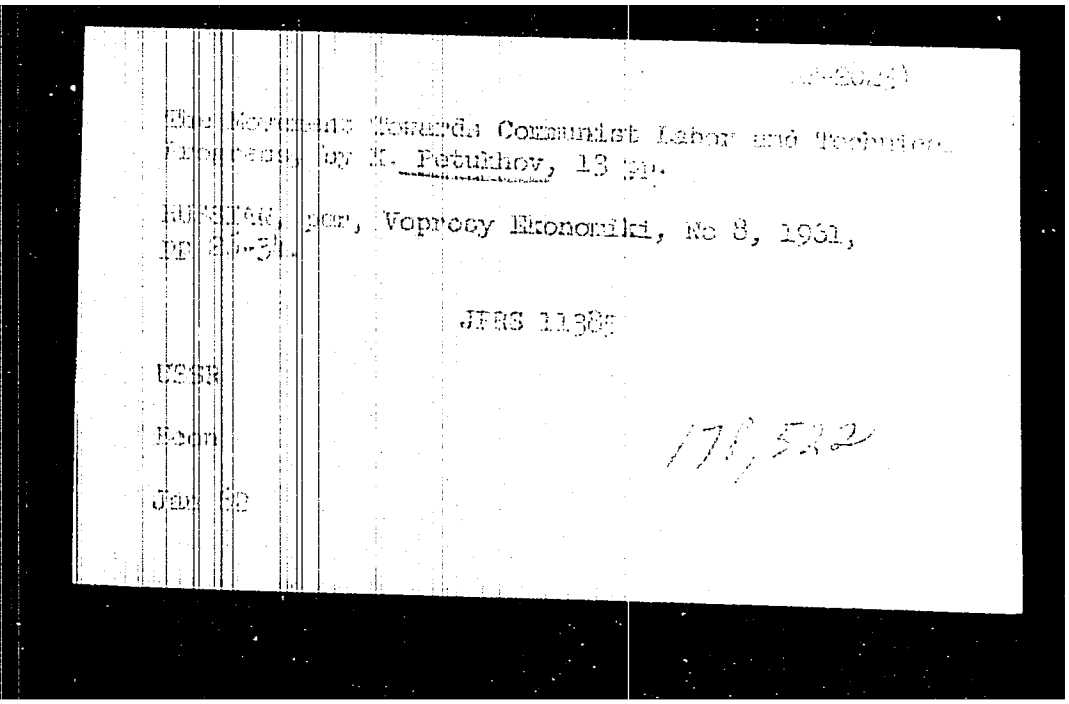

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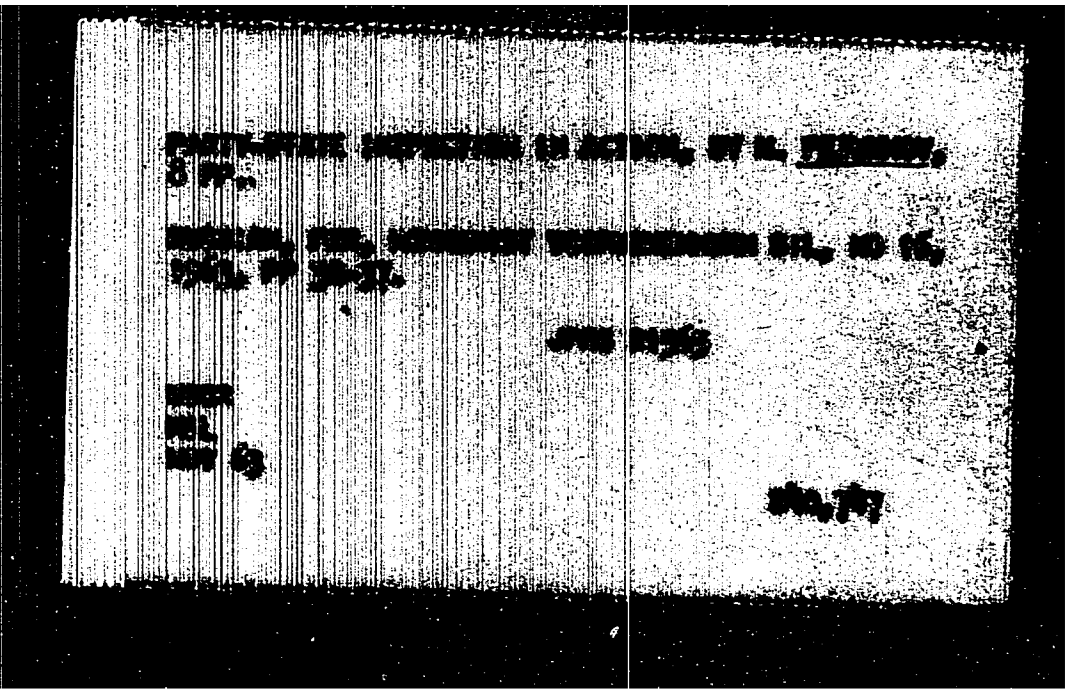

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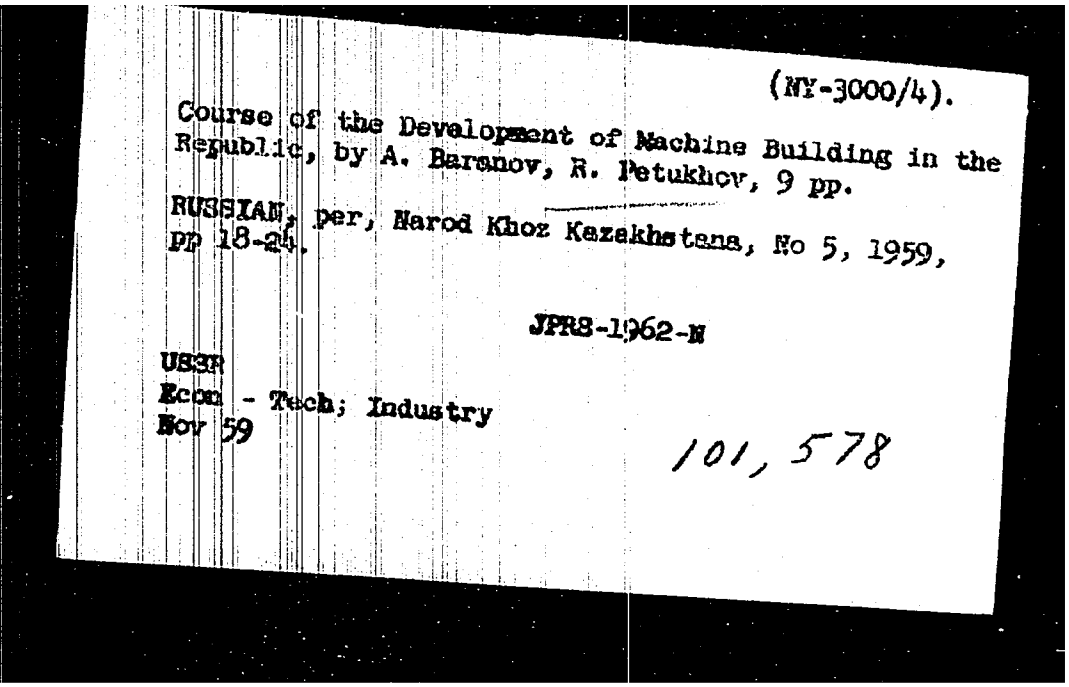

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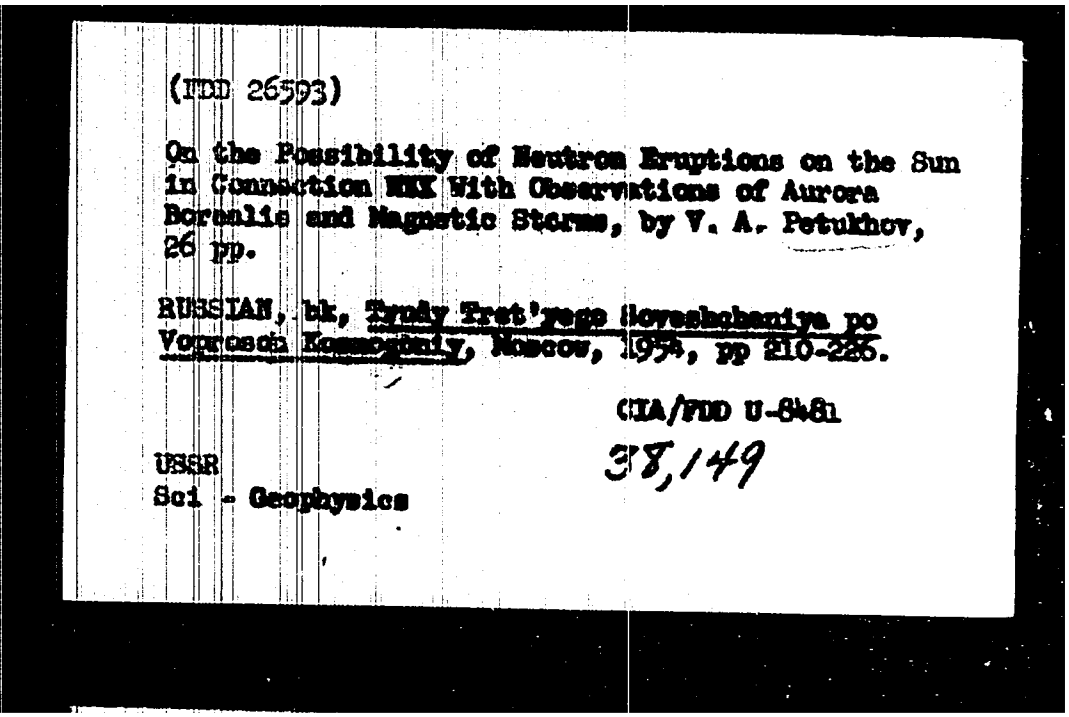

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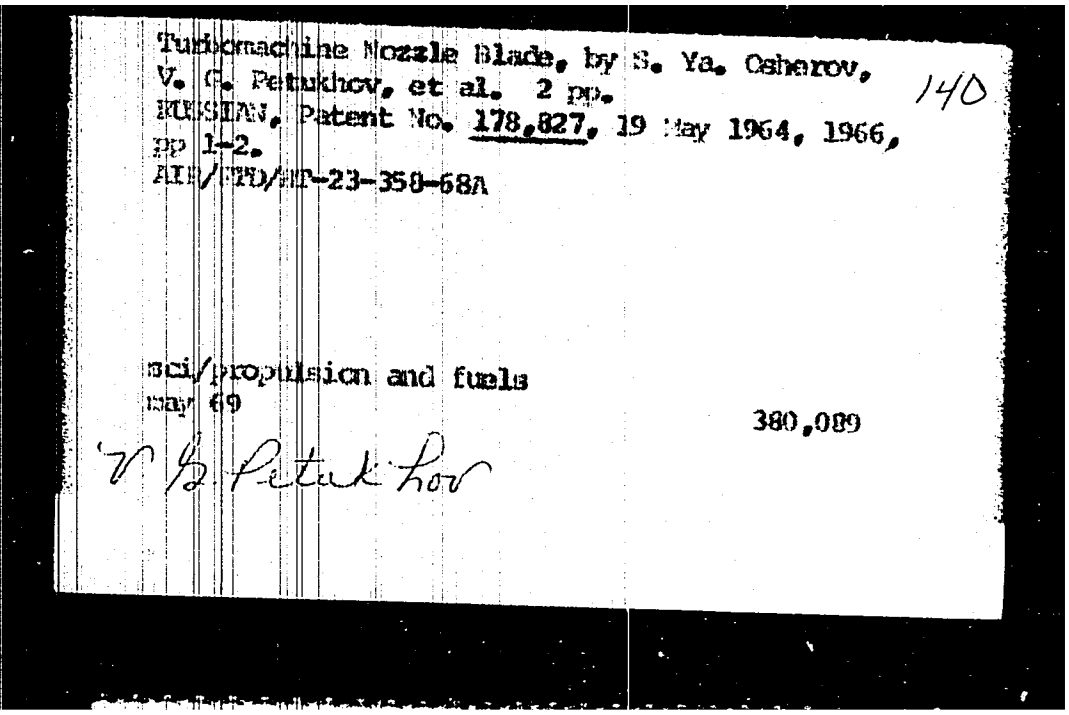

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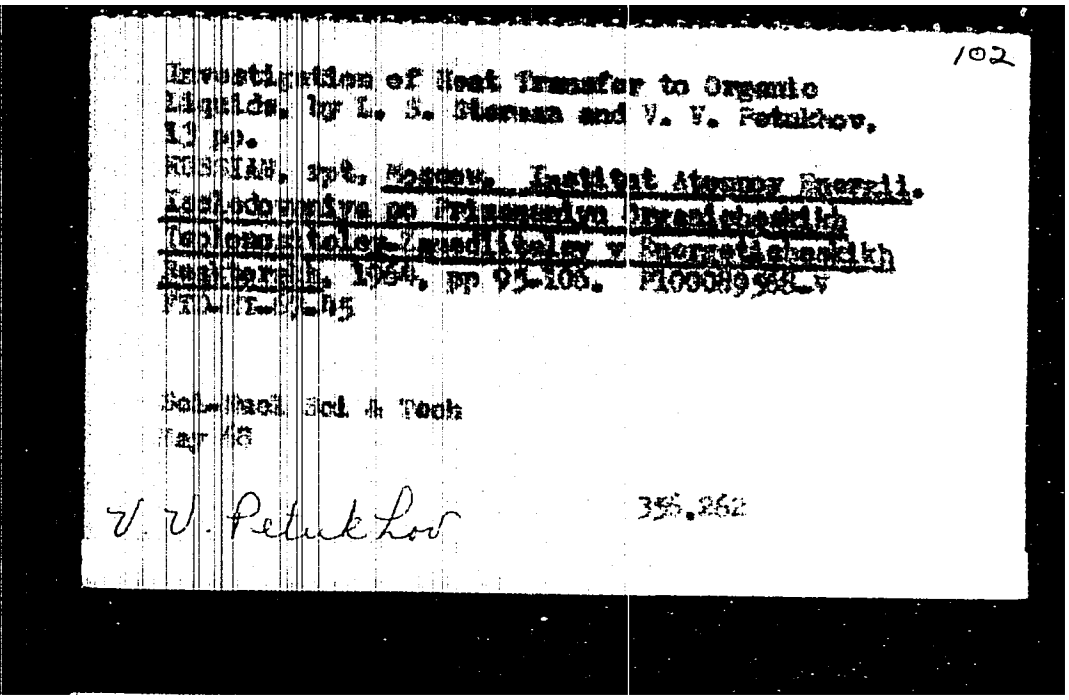

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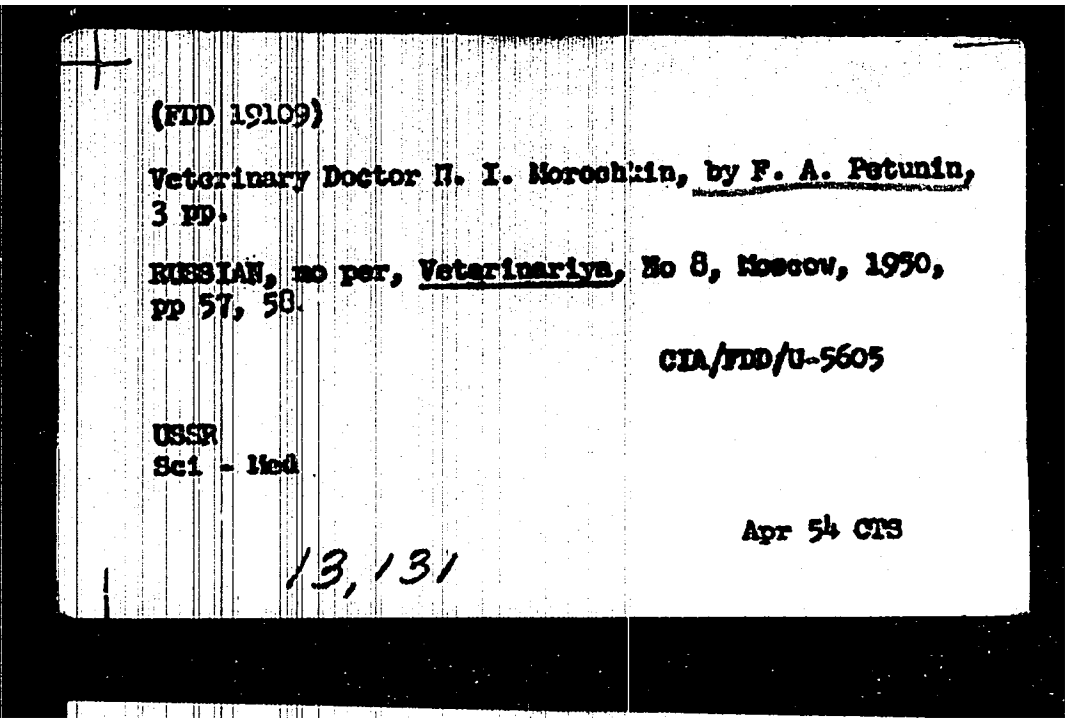

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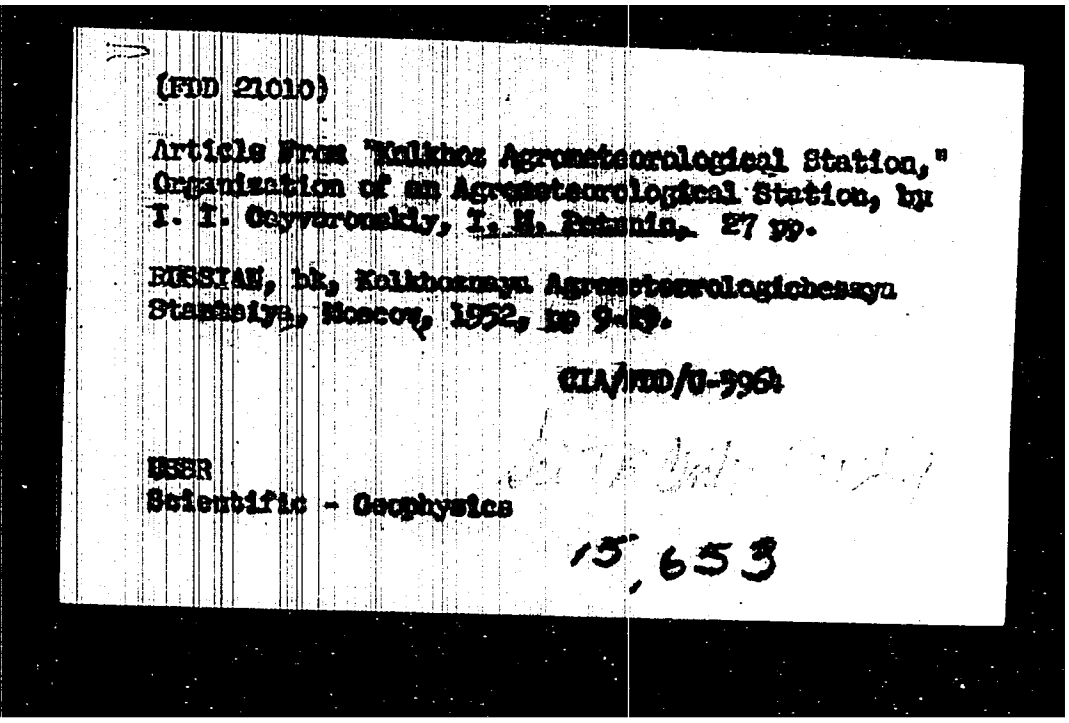

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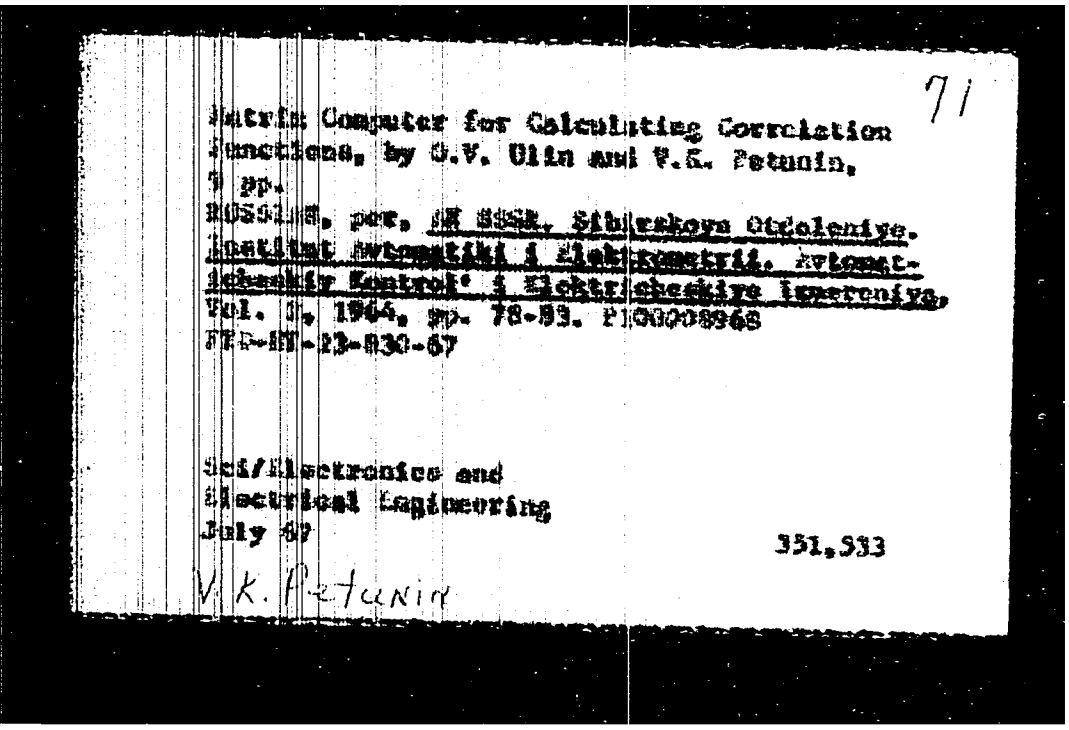

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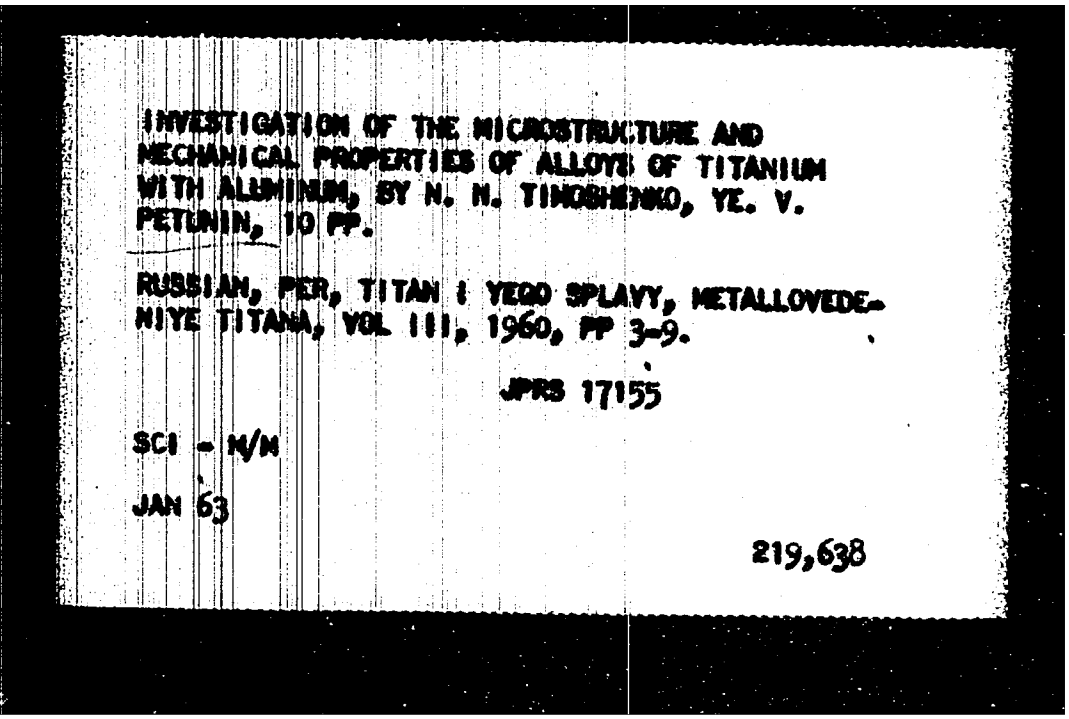

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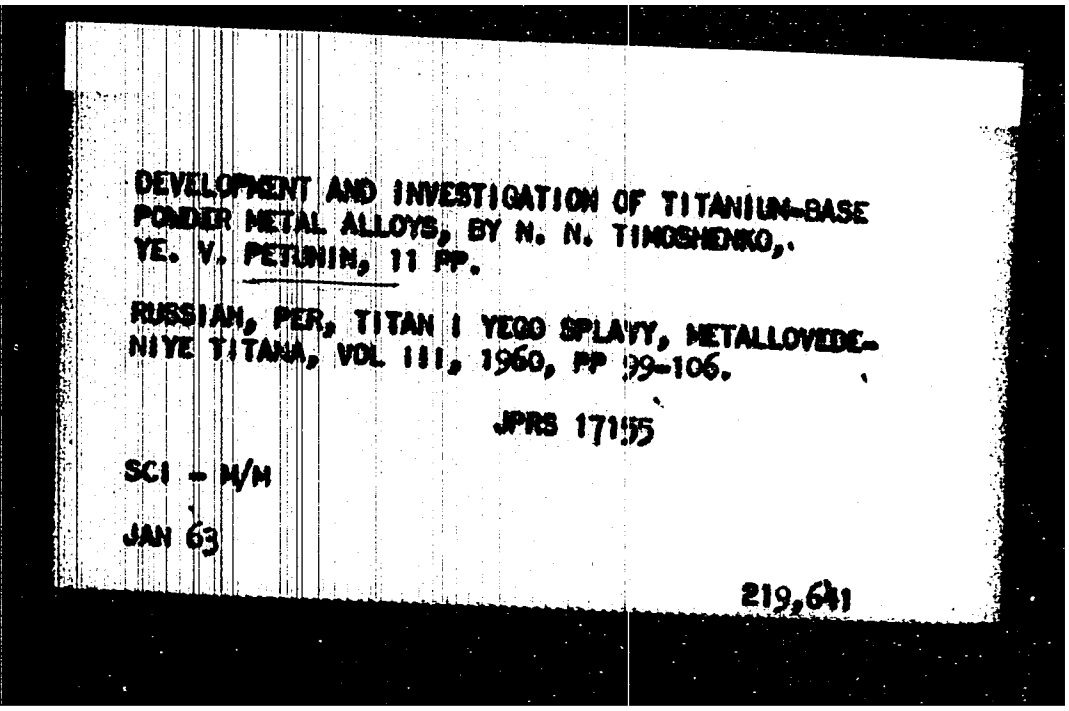

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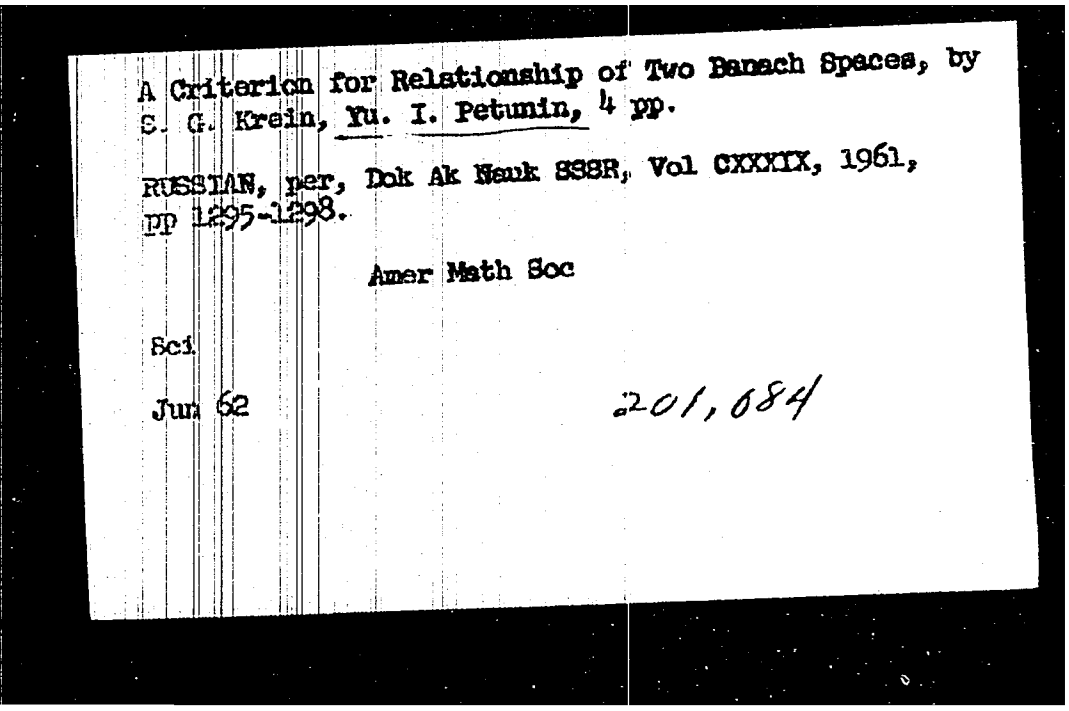

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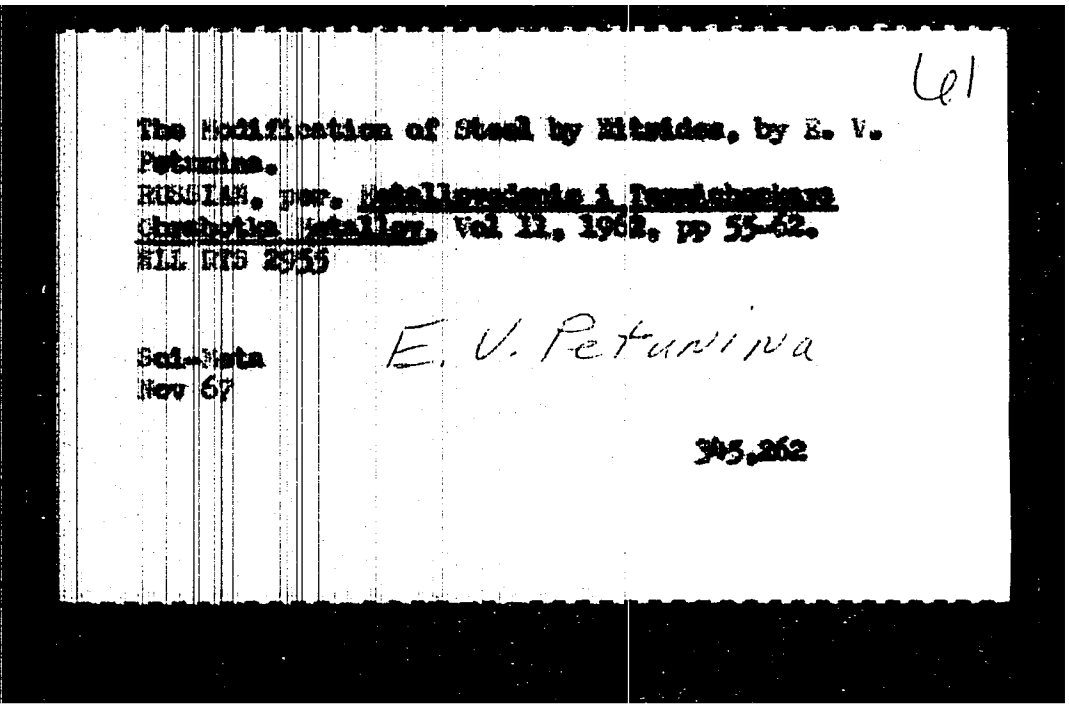

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